

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	199	oscillator and grating and (deflect\$4 or steer\$4) and parametric	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:44
L2	199	oscillator and grating and (deflect\$4 or steer\$4) and parametric	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:43
L3	0	L1 NOT L2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/31 13:44
L4	10	372/21.CCLS. and (grating and reflect\$5).ab.	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:45
L5	7	integrated adj "optical parametric oscillator"	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:45
L6	49	opo with grating	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:45
L7	37	(opo same grating) NOT L6	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:46
L8	75	"optical parametric oscillator".ti.	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:46
S1	646	372/21.CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/28 09:52
S2	3	372/21.CCLS. and integrated.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/17 17:05
S3	0	372/21.CCLS. and (grating and reflect\$5 and steer\$5).ab.	US-PGPUB; USPAT	OR	OFF	2005/11/17 17:06
S4	9	372/21.CCLS. and (grating and reflect\$5).ab.	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:45
S5	72	"optical parametric oscillator".ti.	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:46
S6	2	372/21.CCLS. and (idler and signal and grating).ab.	US-PGPUB; USPAT	OR	OFF	2005/11/21 10:39
S7	0	integrated adj obo	US-PGPUB; USPAT	OR	OFF	2005/11/21 11:36
S8	4	integrated adj opo	US-PGPUB; USPAT	OR	OFF	2005/11/21 11:40
S9	7	integrated adj "optical parametric oscillator"	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:45
S10	5	(US-20030123497-\$).did. or (US-5159487-\$ or US-5457707-\$ or US-5841570-\$ or US-5594592-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/11/21 16:37
S11	1	S10 and \$5steer\$5	US-PGPUB; USPAT	OR	OFF	2005/11/21 17:35
S12	646	372/21.CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/21 17:35
S13	28	S12 and steering	US-PGPUB; USPAT	OR	OFF	2005/11/21 17:36
S14	48	opo with grating	US-PGPUB; USPAT	OR	OFF	2005/11/28 09:52
S15	8	(US-20030123497-\$).did. or (US-5159487-\$ or US-5457707-\$ or US-5594592-\$ or US-5841570-\$ or US-6215800-\$ or US-6167067-\$ or US-6016214-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/11/28 11:12
S16	7	S15 and grating and field	US-PGPUB; USPAT	OR	OFF	2005/11/28 11:13
S17	1	S15 NOT S16	US-PGPUB; USPAT	OR	OFF	2005/11/28 11:12

## EAST Search History

S18	2	S15 and grating and electrode\$1	US-PGPUB; USPAT	OR	OFF	2005/11/28 11:22
S19	20	cicchiello.in.	US-PGPUB; USPAT	OR	OFF	2005/11/28 11:22
S20	33	(opo same grating) NOT S14	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:45
S21	4	S15 and \$poled	US-PGPUB; USPAT	OR	OFF	2005/11/28 17:12
S22	9	(US-20030123497-\$).did. or (US-5159487-\$ or US-5457707-\$ or US-5594592-\$ or US-5841570-\$ or US-6016214-\$ or US-6167067-\$ or US-6215800-\$ or US-6295160-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:07
S23	0	S22 and line near2 select	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:08
S24	1	S22 and line with select	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:10
S25	5	S22 and narrow near2 line	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:11
S26	5	S22 and narrow near line	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:16
S27	113	select with line with narrow	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:16
S28	0	select with line with narrow and S22	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:17
S29	48	opo with grating	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:17
S30	0	select with line with narrow and S29	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:17
S31	33	(opo same grating) NOT S29	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:17
S32	0	select with line with narrow and S31	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:17
S33	646	372/21.CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:17
S34	1	select with line with narrow and S33	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:17
S35	0	S22 and frequency near select	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:18
S36	1	S22 and wavelength near select	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:19
S37	1	S22 and wavelength near tune	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:20
S38	0	S22 and frequency near tune	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:20
S39	16	select with narrow with optical with path	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:31
S40	24	line with select with steer	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:33
S41	0	line with select with steer*5.	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:33
S42	201	line with select with steer\$5	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:34
S43	18	line with select with steer\$5 and optical	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:35
S44	0	S33 and (electrode or field) same line same select	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:36

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S45	40	S33 and (electrode or field) same line	US-PGPUB; USPAT	OR	OFF	2005/11/29 13:56
S46	5	S33 and (beam-steer or beam near2 steer)	US-PGPUB; USPAT	OR	OFF	2005/11/29 14:01
S47	38	opo and line near select\$4	US-PGPUB; USPAT	OR	OFF	2005/11/29 14:40
S48	0	(opo and integrated).ti.	US-PGPUB; USPAT	OR	OFF	2005/11/29 14:41
S49	91351	(optical parametric oscillator and integrated).ti.	US-PGPUB; USPAT	OR	OFF	2005/11/29 14:41
S50	1	("optical parametric oscillator" and integrated).ti.	US-PGPUB; USPAT	OR	OFF	2005/11/29 14:41
S51	4	("optical parametric oscillator" and single).ti.	US-PGPUB; USPAT	OR	OFF	2005/11/29 14:46
S52	73	("optical parametric oscillator" or opo).ti.	US-PGPUB; USPAT	OR	OFF	2005/11/29 14:46
S53	11	(US-20030123497-\$).did. or (US-4189652-\$ or US-5159487-\$ or US-5457707-\$ or US-5594592-\$ or US-5841570-\$ or US-5991012-\$ or US-6016214-\$ or US-6167067-\$ or US-6215800-\$ or US-6295160-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/11/30 17:45
S54	2	S53 and holograph\$4	US-PGPUB; USPAT	OR	OFF	2005/11/30 10:56
S55	0	S53 and steer	US-PGPUB; USPAT	OR	OFF	2005/11/30 10:56
S56	2	S53 and steer\$5	US-PGPUB; USPAT	OR	OFF	2005/11/30 11:04
S57	3	S53 and deflect\$4	US-PGPUB; USPAT	OR	OFF	2005/11/30 11:04
S58	11	(US-20030123497-\$).did. or (US-4189652-\$ or US-5159487-\$ or US-5457707-\$ or US-5594592-\$ or US-5841570-\$ or US-5991012-\$ or US-6016214-\$ or US-6167067-\$ or US-6215800-\$ or US-6295160-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/11/30 17:45
S59	7	S58 and power	US-PGPUB; USPAT	OR	OFF	2005/11/30 17:45
S60	10	oscillator with grating with electrode\$1	US-PGPUB; USPAT	OR	OFF	2005/12/05 17:44
S61	1513	oscillator and grating and (deflect\$4 or steer\$4)	US-PGPUB; USPAT	OR	OFF	2005/12/05 17:45
S62	190	oscillator and grating and (deflect\$4 or steer\$4) and parametric	US-PGPUB; USPAT	OR	OFF	2006/03/31 13:43
S63	36	oscillator and grating and (deflect\$4 or steer\$4) and parametric and idler	US-PGPUB; USPAT	OR	OFF	2005/12/05 17:45
S64	36	oscillator and grating and (deflect\$4 or steer\$4) and parametric and idler NOT S60	US-PGPUB; USPAT	OR	OFF	2005/12/06 10:38
S65	10	opo and grating and electro-optic with deflect\$5	US-PGPUB; USPAT	OR	OFF	2005/12/06 11:00
S66	4	velsko.in.	US-PGPUB; USPAT	OR	OFF	2005/12/06 11:52
S67	1	"5841570".pn.	US-PGPUB; USPAT	OR	OFF	2005/12/06 11:52
S68	23	(non\$1linear and oscillation and parametric and grating).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/12/07 13:37
S69	8	(non\$1linear and oscillation and parametric and grating).clm.	US-PGPUB	OR	OFF	2005/12/07 14:12
S70	14	(non\$1linear and oscillat\$4 and parametric and grating).clm.	US-PGPUB	OR	OFF	2005/12/07 14:12